STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING
ERROR REPORT

EFS

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: _10/584,430 A_
Source: _Two_
Date Processed by STIC: _3/28/07_

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
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2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO **REDUCE** ERRORED SEQUENCE LISTINGS, **PLEASE** USE THE **CHECKER VERSION 4.4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm

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1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm> , **EFS Submission User Manual** - ePAVE)
2. **U.S. Postal Service:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
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Revised 01/10/06

IFWO

RAW SEQUENCE LISTING   DATE: 03/28/2007
PATENT APPLICATION: US/10/584,430A   TIME: 14:57:44

Input Set : **N:\efs\03_28_07\10584430A_efs\Seq.txt**
Output Set: **N:\CRF4\03282007\J584430A.raw**

```
      3 <110> APPLICANT: Tweedle, et al.
      5 <120> TITLE OF INVENTION: New Compounds Useful as Metal Chelators
      7 <130> FILE REFERENCE: 57637-1362
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/584,430A
C--> 9 <141> CURRENT FILING DATE: 2006-06-22
      9 <150> PRIOR APPLICATION NUMBER: PCT/US2004/042710
     10 <151> PRIOR FILING DATE: 2004-12-20
     12 <160> NUMBER OF SEQ ID NOS: 4
     14 <170> SOFTWARE: PatentIn version 3.3
     16 <210> SEQ ID NO: 1
     17 <211> LENGTH: 6
     18 <212> TYPE: PRT
     19 <213> ORGANISM: Artificial
     21 <220> FEATURE:
     22 <223> OTHER INFORMATION: Description of Artificial Sequence: analogs of somatostatin
     25 <220> FEATURE:
     26 <221> NAME/KEY: MOD_RES
     27 <222> LOCATION: (1)..(1)
     28 <223> OTHER INFORMATION: Nal
     30 <220> FEATURE:
     31 <221> NAME/KEY: MOD_RES
     32 <222> LOCATION: (3)..(3)
     33 <223> OTHER INFORMATION: DTrp
     35 <220> FEATURE:
     36 <221> NAME/KEY: MOD_RES
     37 <222> LOCATION: (6)..(6)
     38 <223> OTHER INFORMATION: NH2
     40 <400> SEQUENCE: 1
     42 Cys Thr Lys Val Cys Thr
     43 1               5
     46 <210> SEQ ID NO: 2
     47 <211> LENGTH: 6
     48 <212> TYPE: PRT
     49 <213> ORGANISM: Artificial
     51 <220> FEATURE:
     52 <223> OTHER INFORMATION: Description of Artificial Sequence: analogs of somatostatin
     55 <220> FEATURE:
     56 <221> NAME/KEY: MOD_RES
     57 <222> LOCATION: (1)..(1)
     58 <223> OTHER INFORMATION: Nal
     60 <220> FEATURE:
     61 <221> NAME/KEY: MOD_RES
     62 <222> LOCATION: (3)..(3)
```

[Handwritten annotations:] see pp 1-2 Does Not Comply Corrected Diskette Needed

? "Cys" is at location 1. "Nal" is a modified form of alanine. If the amino acid at location 1 can be either Cys or Nal, use "Xaa", instead, and explain in <220>-<223> section

? "Lys" is at 3 Use Xaa and explain

OK

Same error

use Xaa

```
63 <223> OTHER INFORMATION: DTrp        same
65 <220> FEATURE:
66 <221> NAME/KEY: MOD_RES
67 <222> LOCATION: (6)..(6)
68 <223> OTHER INFORMATION: ol           use Xaa and explain
70 <400> SEQUENCE: 2
72 Cys Thr Lys Val Cys Thr
73 1               5
76 <210> SEQ ID NO: 3
77 <211> LENGTH: 6
78 <212> TYPE: PRT
79 <213> ORGANISM: Artificial
81 <220> FEATURE:
82 <223> OTHER INFORMATION: Description of Artificial Sequence: analogs of somatostatin
85 <220> FEATURE:
86 <221> NAME/KEY: MOD_RES
87 <222> LOCATION: (1)..(1)
88 <223> OTHER INFORMATION: DPhe       same error
90 <220> FEATURE:
91 <221> NAME/KEY: MOD_RES
92 <222> LOCATION: (3)..(3)
93 <223> OTHER INFORMATION: DTrp       same
95 <220> FEATURE:
96 <221> NAME/KEY: MOD_RES
97 <222> LOCATION: (6)..(6)
98 <223> OTHER INFORMATION: OH         use Xaa and explain
100 <400> SEQUENCE: 3
102 Cys Tyr Lys Thr Cys Thr
103 1               5
106 <210> SEQ ID NO: 4
107 <211> LENGTH: 9
108 <212> TYPE: PRT
109 <213> ORGANISM: Artificial
111 <220> FEATURE:
112 <223> OTHER INFORMATION: Description of Artificial Sequence: LHRH analog
115 <220> FEATURE:
116 <221> NAME/KEY: MOD_RES
117 <222> LOCATION: (1)..(1)
118 <223> OTHER INFORMATION: pyroGlutamic acid   OK
120 <220> FEATURE:
121 <221> NAME/KEY: MOD_RES
122 <222> LOCATION: (4)..(4)
123 <223> OTHER INFORMATION: Xaa=Ser, NMeSer or Thr
125 <220> FEATURE:
126 <221> NAME/KEY: MOD_RES
127 <222> LOCATION: (5)..(5)
128 <223> OTHER INFORMATION: DLys     Tyr is at 5. Use Xaa and explain
130 <220> FEATURE:
131 <221> NAME/KEY: MOD_RES
```

RAW SEQUENCE LISTING   DATE: 03/28/2007
PATENT APPLICATION: US/10/584,430A   TIME: 14:57:44

Input Set : N:\efs\03_28_07\10584430A_efs\Seq.txt
Output Set: N:\CRF4\03282007\J584430A.raw

```
132 <222> LOCATION: (6)..(6)
133 <223> OTHER INFORMATION: Xaa=Leu, NMeLeu, t-ButylGly
135 <220> FEATURE:
136 <221> NAME/KEY: MOD_RES
137 <222> LOCATION: (7)..(7)
138 <223> OTHER INFORMATION: Xaa=Arg, Arg(Et2), Cit, Lys(isopropyl)
140 <220> FEATURE:
141 <221> NAME/KEY: MOD_RES
142 <222> LOCATION: (9)..(9)
143 <223> OTHER INFORMATION: Xaa=Gly-NH2 or Azagly-NH2
145 <400> SEQUENCE: 4
```

W--> 147 Glu His Trp Xaa Tyr Xaa Xaa Pro Xaa
    148 1   5

```
RAW SEQUENCE LISTING ERROR SUMMARY        DATE: 03/28/2007
PATENT APPLICATION:  US/10/584,430A        TIME: 14:57:45

Input Set : N:\efs\03_28_07\10584430A_efs\Seq.txt
Output Set: N:\CRF4\03282007\J584430A.raw
```

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; Xaa Pos. 4,6,7,9

Invalid <213> Response:
Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4

VERIFICATION SUMMARY   DATE: 03/28/2007
PATENT APPLICATION: **US/10/584,430A**   TIME: 14:57:45

Input Set : **N:\efs\03_28_07\10584430A_efs\Seq.txt**
Output Set: **N:\CRF4\03282007\J584430A.raw**

L:9 M:270 C: Current Application Number differs, Replaced Current Application No
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:147 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0